

## IMAGE PROCESSING DEVICE

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### ABSTRACT OF THE DISCLOSURE

10 An image processing device comprises first and second correlation value calculating processors, and a pixel data calculating processor. The first correlation value calculating processor obtains a first correlation value, relating to related pixels which are positioned in vertical and horizontal directions relative to an objective pixel.

15 The second correlation value calculating processor obtains a second correlation value relating to four peripheral pixels which are positioned adjacent to the upper left, upper right, lower left, and lower right of the objective pixel. The pixel data calculating processor obtains the G-pixel data of the

20 objective pixel, depending upon the first correlation value and the second correlation value.